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| APPLICATION NO.                            | FILING DATE    | FIRST NAMED INVENTOR  | ATTORNEY DOCKET NO.     | CONFIRMATION NO |  |
|--|----------------|-----------------------|-------------------------|-----------------|--|
| 10/057,357                                 | 01/24/2002     | Christopher F. O'Hare | A34871                  | 2008            |  |
| 21003 75                                   | 590 10/17/2003 |                       | EXAMINER                |                 |  |
| BAKER & BO                                 |                | SINGH, SUNIL          |                         |                 |  |
| 30 ROCKEFELLER PLAZA<br>NEW YORK, NY 10112 |                |                       | ART UNIT                | PAPER NUMBER    |  |
|  |                |                       | 3673                    |                 |  |
| •  |                |                       | DATE MAIL ED. 10/17/200 | •               |  |

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

| •   | •   | Application No.           | Applicant(s)  |          |  |  |  |  |
|---|---|---------------------------|---|----------|--|--|--|--|
| Office Asticus Occurrence   |   | 10/057,357                | O'HARE, CHRIST  | OPHER F. |  |  |  |  |
| ** _ b  | Office Action Summary   | Examiner                  | Art Unit  |          |  |  |  |  |
|   |   | Sunil Singh               | 3673  |          |  |  |  |  |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply  |   |                           |   |          |  |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).  Status |   |                           |   |          |  |  |  |  |
| 1) 🖂  | Responsive to communication(s) filed on 26 S  | September 2003 .          |   |          |  |  |  |  |
| 2a) [   |   | s action is non-final.    |   |          |  |  |  |  |
| 3)□   | <del>'</del>  |                           |   |          |  |  |  |  |
| Dispositi   | on of Claims  | in parto Quayro, 1000 O.  | D. 11, 400 O.O. 210.  |          |  |  |  |  |
| 4)⊠   | Claim(s) 1-13 is/are pending in the application   |                           |   |          |  |  |  |  |
| 4a) Of the above claim(s) is/are withdrawn from consideration.  |   |                           |   |          |  |  |  |  |
| 5)[   | Claim(s) is/are allowed.  |                           |   |          |  |  |  |  |
| 6)⊠   | Claim(s) <u>1-13</u> is/are rejected.   |                           |   |          |  |  |  |  |
| 7)  | Claim(s) is/are objected to.  |                           |   |          |  |  |  |  |
| 8) Claim(s) are subject to restriction and/or election requirement.  Application Papers   |   |                           |   |          |  |  |  |  |
| 9) 🗌 -  | The specification is objected to by the Examine   | :                         |   |          |  |  |  |  |
| 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  |   |                           |   |          |  |  |  |  |
| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).   |   |                           |   |          |  |  |  |  |
| 11) ☐ The proposed drawing correction filed on is: a) ☐ approved b) ☐ disapproved by the Examiner.  |   |                           |   |          |  |  |  |  |
| If approved, corrected drawings are required in reply to this Office action.  |   |                           |   |          |  |  |  |  |
| 12) The oath or declaration is objected to by the Examiner.   |   |                           |   |          |  |  |  |  |
| Priority under 35 U.S.C. §§ 119 and 120   |   |                           |   |          |  |  |  |  |
| 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).   |   |                           |   |          |  |  |  |  |
| a)[   | ☐ All b)☐ Some * c)☐ None of:   |                           |   |          |  |  |  |  |
|   | 1. Certified copies of the priority documents   | s have been received.     |   |          |  |  |  |  |
|   | 2. Certified copies of the priority documents   | s have been received in A | application No  |          |  |  |  |  |
| <ul> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>   |   |                           |   |          |  |  |  |  |
| 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  |   |                           |   |          |  |  |  |  |
| <ul> <li>a) ☐ The translation of the foreign language provisional application has been received.</li> <li>15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.</li> </ul>  |   |                           |   |          |  |  |  |  |
| Attachment  | ·<br>·(s)   |                           |   |          |  |  |  |  |
| 2) Notic  | e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449) Paper No(s) | 5) Notice of              | Summary (PTO-413) Paper No<br>Informal Patent Application (PT |          |  |  |  |  |
| J.S. Patent and Ti  | ademark Office  |                           |   |          |  |  |  |  |

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### **DETAILED ACTION**

# Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Alternus '357 in view of Japanese document (2001-271363).

Altemus discloses a module comprising a concrete block (10), at least one through hole (14) which is partially filled with concrete (see col. 1 line 58; col. 2 line 36, col. 4 line 39), at least one projection (38), at least one recess (42). Alternus discloses the invention substantially as claimed. However, Alternus is silent about his concrete column comprising a mixture which is specifically formulated for underwater placement.

Japanese document '363 teaches a concrete column comprising a mixture which is specifically formulated for underwater placement (see abstract, Fig. 3 and attached definition of "grout"). It would have been considered obvious to one of ordinary skill in the art to modify Alternus by using specifically formulated underwater placement concrete as taught by Japanese document for the concrete column disclosed by Alternus since such an arrangement would allow for a retaining wall to be built adjacent a river because concrete that is specifically formulated for underwater

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placement sets up faster and would not deteriorate rapidly when exposed to water.

3. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Makram '110 in view of Japanese document (2001-271363).

Makram discloses a module comprising a concrete block, at least one through hole which is partially filled with concrete (see Fig. 7, page 1 left col. Line 23, page 3 left col. Lines 38-70), at least one projection, at least one recess (see Figs. 1-3, 7). Makram discloses the invention substantially as claimed. However, Makram is silent about his concrete column comprising a mixture which is specifically formulated for underwater placement. Japanese document '363 teaches a concrete column comprising a mixture which is specifically formulated for underwater placement (see abstract, Fig. 3 and attached definition of "grout"). It would have been considered obvious to one of ordinary skill in the art to modify Makram by using specifically formulated underwater placement concrete as taught by Japanese document for the concrete column disclosed by Makram since such an arrangement would allow for a retaining wall to be built adjacent a river because concrete that is specifically formulated for underwater placement sets up faster and would not deteriorate rapidly when exposed to water.

4. Claims 1, 2, 6-10, 12-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Altemus '357 in view of Karnas '489 or Suzuki '057 and Japanese document (2001-271363).

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Alternus discloses the invention substantially as claimed. However, Alternus is silent about his concrete block/module being used as artificial reef. Further, Altemus is silent about his concrete column comprising a mixture which is specifically formulated for underwater placement. Karnas and Suzuki both teach concrete block/module being used as artificial reef (see Figs.1, 2 and 22 respectively). Japanese document '363 teaches a concrete column comprising a mixture which is specifically formulated for underwater placement (see abstract, Fig. 3 and attached definition of "grout"). It would have been considered obvious to one of ordinary skill in the art to modify Altemus and use his concrete block/module as an artificial reef as taught by either Karnas or Suzuki since such a structure would more effectively withstand tidal current meaning not topple over or move thus defeating its intended purpose. In addition it would have been considered obvious to one of ordinary skill in the art to modify Altemus by using specifically formulated underwater placement concrete as taught by Japanese document for the concrete column disclosed by Altemus since such an arrangement would allow for the reef to be formed in situ. With regards to claim 7, Alternus (as modified by Karnas or Suzuki and Japanese document '363) is silent about the reinforcing rod being fiberglass. Reinforcing rods being made out of fiberglass are well known and old in the art (see US PAT. PUB. 2003/0009970). It would have been considered obvious to one of ordinary skill in the art to further modify the

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modified Altemus by making the reinforcing rods out of fiberglass since this would prevent rusting.

With regards to claims 9 and 10, Alternus (as modified by Karnas or Suzuki and Japanese document '363) is silent about his projections and recess being frustoconical and hemispherical in shape. Projections and their corresponding recesses being frustoconical and hemispherical in shape are well known and old in the art. It would have been considered obvious to one of ordinary skill in the art to modify the modified Altemus by making his projections and recesses frustoconical or hemispherical in shape since this is a mere design choice.

5. Claims 1, 3-5, 7, 9, 10 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Makram '110 in view of Karnas '489 or Suzuki '057 and Japanese document (2001-271363).

Makram discloses the invention substantially as claimed. However, Makram is silent about his concrete block/module being used as artificial reef. Further, Makram is silent about his concrete column comprising a mixture which is specifically formulated for underwater placement. Karnas and Suzuki both teach concrete block/module being used as artificial reef (see Figs.1, 2 and 22 respectively). Japanese document '363 teaches a concrete column comprising a mixture which is specifically formulated for underwater placement (see abstract, Fig. 3 and attached definition of "grout"). It would have been considered obvious to one of ordinary skill in the art to modify Makram and use his concrete block/module as an

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artificial reef as taught by either Karnas or Suzuki since such a structure would more effectively withstand tidal current meaning not topple over or move thus defeating its intended purpose. In addition it would have been considered obvious to one of ordinary skill in the art to modify Makram by using specifically formulated underwater placement concrete as taught by Japanese document for the concrete column disclosed by Makram since such an arrangement would allow for the reef to be formed in situ.

With regards to claim 7, Makram (as modified by Karnas or Suzuki and Japanese document '363) is silent about the reinforcing rod being fiberglass. Reinforcing rods being made out of fiberglass are well known and old in the art (see US PAT. PUB. 2003/0009970). It would have been considered obvious to one of ordinary skill in the art to further modify the modified Makram by making the reinforcing rods out of fiberglass since this would prevent rusting.

With regards to claim 10, Makram (as modified by Karnas or Suzuki and Japanese document '363) is silent about his projections and recess being hemispherical in shape. Projections and their corresponding recesses being hemispherical in shape are well known and old in the art. It would have been considered obvious to one of ordinary skill in the art to modify the modified Makram by making his projections and recesses hemispherical in shape since this is a mere design choice.

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col. 4 line 39).

## Response to Arguments

- 6. Applicant's arguments filed 9/26/2003 have been fully considered but they are not persuasive. With regards to claim 11 applicant argues that both Altemus and Makram do not teach an artificial reef module. It should be noted that claim 11 calls for a module **for use in assembling an artificial reef** and therefore a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim. In a claim drawn to a process of making, the intended use must result in a manipulative difference as compared to the prior art. See *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963).

  Applicant argues that the passageways of Altemus are for the installation of plumbing or electrical lines. Altemus clearly teaches that the passageways can be filled with reinforced rods or concrete or both (see col. 1 line 58; col. 2 line 36,
- 7. ...Applicant's arguments with respect to claim 11 have been considered but are moot in view of the new ground(s) of rejection. Applicant argues that Alternus and Makram do not teach a concrete column comprising a mixture that is specifically formulated for underwater placement. The examiner agrees; however, Japanese document '363 teaches this feature.
- 8. In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be

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established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See In re Fine, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988)and In re Jones, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, the knowledge generally available to one of ordinary skill in the art would lead the skilled artesian to the brick/block art for making/forming an artificial reef wherein the artificial reef is made out of brick/block. It should be noted that a basement wall, a retaining wall and a fence all could be formed using the same brick/block while they are subjected to different forces. There are artificial reefs made out of tires; therefore one skilled in the artificial reef art would look to the tire art when improving an artificial reef made out of tire. Would applicant in this case argue that the "tire art" is nonanalogous? The answer is no. Therefore since it is well known in the artificial reef art that artificial reefs are made out of brick/blocks, it makes it perfectly analogous for the skilled artesian to look to the brick/block art when making an artificial reef. Further evidence of looking to the brick/block art when forming an artificial reef is provided in the areas searched in US Patent to Karnas wherein the block/brick art US class 52 was searched while looking to make an artificial reef.

Applicant argues that the concrete in the through holes doesn't bond
 therein. This is not concurred with since both Alternus and Makram teach to fill

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their through holes with concrete such concrete would inherently bond therein. Such bonding is clearly depicted in Figure 7 of the Makram reference.

#### Conclusion

Any inquiry concerning this communication or earlier communications from 10. the examiner should be directed to Sunil Singh whose telephone number is (703) 308-4024. The examiner can normally be reached on Monday through Friday 8:30 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Shackelford can be reached on (703) 308-2978. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9327 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-2168.

Sunil Singh

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October 15, 2003

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a. 1937): MARVELOUS, WONDER-zas interesting, enjoyable, not to

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objectionableness (~ error) (2)
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a cave, fr. grotta grottol (1561)

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QUENESS also grottos [It grotta, grotto, it cave 2: an artificial recess of grutch (grudge)] (1895) 1 and grotto, it cave ally irritable or complaining iPLAINT (never nursed a ~ five minutes) irritable or complaining of the second second

ier; est (1895): given to grand, adv—grouchi-ness\che nat\grand; akin to OHG grant grand; argument (~ for complaint); nental logical condition (2). Grounding area: BACKGROUND grand a: the surface of the purpose (parade ~) (fishing of it a house or other building or as if in battle e: an area of a lot of ~ in his lecture). Sacrock or formation through, grand or object that makes an electrical: conducting body. (as the earth) is circuit and as an arbitray in with a ground 7: a looball with a ground 7: a looball sys—from the ground substantial grand 7: a looball sys—from the ground grand ground grand gra

ground to avoid being tackled for a loss  $\sim wi$  1: to have a ground or basis: RELY 2: to run aground 3: to hit a grounder aground past and past part of GRIND ground ball n (1942): a batted baseball that bounds or rolls along the

ground bass n (1699): a short bass passage continually repeated below

ground bass n (1699): a short bass passage continually repeated below constantly changing melody and harmony ground-cher-ry \grain(d)-cher-\epsilon\ n (ca. 1839): a plant (genus Physalis) of the nightshade family with pulpy fruits in papery husks; also the fruit of this plant ground cloth n (1931): a waterproof sheet placed on the ground for protection (as of a sleeping bag) against soil moisture ground cover n (1900): 1: the small plants in a forest except young trees 2 a: a planting of low plants (as ivy) that covers the ground in place of turf b: a plant adapted for use as ground cover ground crew n (1934): the mechanics and technicians who maintain and service an airplane

place of turn b; a piant adapted for use as ground cover ground crew n (1934): the mechanics and technicians who maintain and service an airplane ground—effect machine n [fr. the support provided by the cushion of air as if the vehicle rode on the ground] (ca. 1966): a vehicle for traveling short distances that is supported above the surface of land or water by a cushion of air produced by downwardly directed fans ground—er 'Vgraun-dar'n (ca. 1867): GROUND BALL ground-fish \graund(d)-fish\n n (1856): a bottom fish; esp: any of the commercially important fishes (as cod, haddock, pollack, flounder) that live on the sea bottom ground floor n (1601): the floor of a house most nearly on a level with the ground—compare First FLOOR ground glass n (1848): glass with a light-diffusing surface produced by etching or abrading ground-hog \graund-hog.-hag\n n (1784): wOODCHUCK Groundhog Day n [fr. the legend that the groundhog comes out and is frightened back into hibernation if he sees his shadow] (1871): February 2 that traditionally indicates six more weeks of winter if sunny or

Groundhog Day n [fr. the legend that the groundhog comes out and is frightened back into hibernation if he sees his shadow] (1871): February 2 that traditionally indicates six more weeks of winter if sunny or an early spring if cloudy ground-ing \graun-din\n n [644]: training or instruction in the fundamentals of a field of knowledge ground iry n (15c): a trailing mint (Nepeta hederacea) with rounded leaves and blue-purple flowers ground-less \graun-(d)\siz adj (1620): having no ground or foundation (\cdot \left(-\text{lears}) \cdot -\text{ground-less}\graun-(d)\siz adj (1620): having no ground or foundation (\cdot \left(-\text{lears}) \cdot -\text{ground-less}\graun-(d)\siz adj (1620): having no ground or foundation (\cdot \left(-\text{lears}) \cdot -\text{ground-less}\graun-(d)\siz adj (1620): having no ground or foundation (\cdot \left(-\text{lears}) \cdot -\text{ground-less}\graun-(d)\siz adj (1620): having no ground or foundation (\cdot \left(-\text{lears}) \cdot -\text{ground-less}\graun-(d)\siz adj (1620): having no ground or foundation (\cdot \left(-\text{lears}) \cdot -\text{ground-less}\graun-(d)\siz adj (1620): having no ground in stood in ground-less \graun-(d)\siz adj (1620): having no ground or stood in ground in a person of unsophisticated taste the pit of an Elizabethan theater \siz an aperson of unsophisticated taste 2: on that lives or works on or near the ground
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road speed n (1917): the speed (as of an airplane) with relation to the road speed n (1917): the speed (as of an airplane) with relation to the road of a compare ARSPEED road aguirrel n (1688): any of various burrowing rodents (as of the road aguirrel n (1688): any of various burrowing rodents (as of the road aguirrel n (1688): any of various burrowing rodents (as of the road aguirrels and that live in colonies of popen areas, often damage crops, and include vectors of plague color aguirrel aguirrel (as of a system of interacting that n (1926): the energy level (as of a system of interacting the road aguirrel aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of interacting the road aguirrel (as of a system of aguirrel (as of

The chemis in the air cleanes of the damage crops, and include vectors of plague of the control of the control

The suspended: a: the intercellular substance of ussue—under the life (1818) 1: a broad deep undulation of the ocean caused well n (1818) 1: a broad deep undulation of the ocean caused in the distant gale or seismic disturbance 2: a rapid spontane-troth (as of political opinion) (public ground swell of support for od tar-teaching change—A. H. Quie of the cause of the cause of the support of the substantial public wells and springs; specif: water in the part of the that is wholly saturated that is wholly saturated that is wholly saturated the carth of the car

uals assembled together or having some unifying relationship b: an assemblage of objects regarded as a unit c (1): a military unit consisting of a headquarters and attached battalions (2): a unit of the U.S. Air Force higher than a squadron and lower than a wing 3 s: an assemblage of related organisms — often used to avoid taxonomic connotations when the kind or degree of relationship is not clearly defined b (1): two or more atoms joined together or sometimes a single atom forming part of a molecule; esp: FUNCTIONAL GROUP (a methyl ~) (2): an assemblage of elements forming one of the vertical columns of the periodic table c: a stratigraphic division comprising rocks deposited during an era 4: a mathematical set that is closed under a binary associative operation, contains an identity element. and has an inverse for every element 2group vi (1718) 1: to combine in a group 2: to assign to a group 1: CLASSIFY ~ vi 1: to form a group 2: to belong to a group 3: to make groups of closely spaced hits on a target (the gun ~ed beautifully group captain n (1919): a commissioned officer in the British air force who ranks with a coloned in the army group dynamics n pl but sing or pl in constr (1953): the interacting forces within a small human group; also: the sociological study of these forces grouper \( \text{Yerü-par\} \) n, pl groupers also grouper [Pg garoupal (1671) 1

these torces grouper\( \) (1671) 1 grouper\( \) (270-per\( \) n, pl grouper\( \) alog grouper\( \) (1671) 1 grouper\( \) (270-per\( \) (270-pe

nidae)
group-ie \'grü-pe\ n (1967) 1: a fan of a rock group who usu. follows
the group around on concert tours 2: an admirer of a celebrity who
attends as many of his or her public appearances as possible
group-ing \'grü-pin\ n (1748) 1: the act or process of combining in
groups 2: a set of objects combined in a group (a furniture \times)
group practice n (1942): medicine practiced by a group of associated
physicians or dentists (as specialists in different fields) working as partners or as partners and employees

group practice n (1942): medicine practiced by a group of associated physicians or dentists (as specialists in different fields) working as partners and employees group theory n (1898): a branch of mathematics concerned with finding all mathematical groups and determining their properties group therapy n (1943): therapy in the presence of a therapist in which several patients discuss and share their personal problems — called also group psychotherapy — group therapist n group-think \griup-think\n \left(\text{group} + \text{-think}\as \text{in doublethink}\right) (1952): conformity to group values and ethics \text{grouse \gamma\gray grains \n \n \n g rouse \text{orgoup think}\right) any of numerous birds (lamily Tetraonidae) that have a plump body, strong feathered legs, and plumage less brilliant than that of pheasants usu. with reddish brown or other protective color and that include many important game birds \text{grouse n (1918): COMPLAIN.} \text{GRUMBLE — grouser n} \text{grouse from GRUMBLE — grouser n} \text{min [ME, coarse meal, fr. OE gr\tilde{u}; akin to OE grytt grit] (bef. 12c) 1: LEES 2 a: thin mortar used for filling spaces (as the joints in masonry); also: any of various other materials (as a mixture of cement and water or chemicals that solidify) used for a similar purger grout nr (1838) 1: to fill up or finish with grout 2: to fix in place by

Johns in masonry); also: any of various other materials (as a mixture of cement and water or chemicals that solidity) used for a similar purpose b: PLASTER

2grout w (1838) 1: to fill up or finish with grout 2: to fix in place by means of grout (~a bolt into a wall) — grout-er n grove (2grov) n [ME, fr. OE grāf] (bed. 12c) 1: a small wood without underbrush (a picnic ~) 2: a planting of fruit or nut trees grovel (?grav-), 'grav-\ vi -eled or -elled; e-ling or -el-ling \( (-a)-)lin\) [back-formation fr. groweling prone, fr. groweling, adv., fr. ME, fr. gruf, adv., on the face (if. ON ā grūfu) + ling; akin to OE crēopan to creep] (1593) 1: to creep with the face to the ground: CRAWL 2 a: to lie or creep with the body prostrate in token of subservience or abasement b: to abase oneself 3: to give oneself over to what is base or unservience of the color of subservience or abasement b: to abase oneself 3: to give oneself over to what is base or unservience of a subservience of a grove-left (-a)-lin-ling and subservience of a grove-left (-a)-lin-ling and subservience of a grove-left (-b)-lin-left (1849): the academic world grow \( (1849) \); the grow \( (1849) \); the academic grow \( (1849) \); the grow \

Academy in John Milton's Paradise Regained] (1849): the academic world grow 'gro\' vb grew 'gro\'; grown 'gro\'; grown's growing [ME growen, fr. OE growan, akin to OHG gruowan to grow] vi (bef. 12c) 1 a: to spring up and develop to maturity b: to be able to grow in some place or situation (trees that ~ only in the tropics) c: to assume some relation through or as if through a process of natural growth (a tree with limbs grown together) (ferns ~ing from the rocks) 2 a: to increase in size by addition of material either by assimilation into the living organism or by accretion in a nonbiological process (as crystallization) organism or by accretion in a nonbiological process (as crystallization) b: INCREASE EXPAND (~s in wisdom) 3: to develop from a parent source (the book grew out of a series of lectures) 4 a: to pass into a condition: BECOME (grew pale) b: to have an increasing influence (habit ~s on a person) e: to become increasingly acceptable or attractive (didn't like it at first, but it grew on him) ~v 1: to cause to grow: PRODUCE (~wheat) 2: DEVELOP 5— grow-er 'gro(-a)r\n — grow-ing-ly 'gro-in-le\) adv
growing pains n-pl-(1810). 1: pains in the legs of growing children having no demonstrable relation to growth 2: the stresses and strains attending a new project or development growing point n (1882): the undifferentiated end of a plant shoot from which additional shoot tissues differentiated end of a plant shoot from which additional shoot tissues differentiated end of a plant shoot from which additional shoot tissues differentiated strains a prowl-grow

| Jal abut 13 kitten, F table | Jan | further | Ja | acts | Jan | /g/ sing \0\go \0\law \0i\ boy \th\ thin \th\ the \U\ loot \U\ foot \y\ yet \zh\ vision \a. k. ", cc, cc, uc, uc, v. \see Guide to Pronunciation